AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

FRANS BRUIN : DIRECTOR

HALIM HOURANI : OBSERVER

BEIRUT, LEBANON

Latitude : 33° 54' 22" N.

Longitude : 2^h 21^m 52^s . 7 E.

June - 1961

Jourdy Press — Tel. : 243010

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WEATHER BUREAU

JUNE 1961

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. †...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	53.5	53.0	54.7	53.7	31.9	20.3	31.1	28.8	23.4	27.8
2	56.8	57.4	57.5	57.2	27.9	19.6	25.4	26.8	22.5	24.9
3	58.1	57.5	56.4	57.3	29.2	21.6	25.7	28.0	23.1	25.6
4	58.1	58.3	59.0	58.5	28.5	20.1	25.5	28.0	22.4	25.3
5	59.5	60.0	59.6	59.7	28.5	21.7	24.7	27.7	24.4	25.6
6	60.3	59.0	59.3	59.5	27.6	23.4	26.8	26.4	24.2	25.8
7	56.7	56.6	55.7	56.3	34.0	23.4	29.5	33.5	29.8	30.9
8	57.1	57.8	57.5	57.5	29.8	21.2	26.0	28.4	23.8	26.1
9	57.2	57.8	59.0	58.0	29.8	23.6	26.1	28.3	24.4	26.3
10	60.4	60.4	60.1	60.3	28.8	21.0	27.0	28.0	23.0	26.0
11	60.8	60.3	60.3	60.5	28.6	21.1	26.1	27.5	23.5	25.7
12	59.3	58.7	58.0	58.7	27.8	21.2	25.4	27.4	22.5	25.1
13	56.5	56.7	56.8	56.7	28.5	20.8	25.2	26.8	22.5	24.8
14	57.2	57.6	57.5	57.4	28.0	20.7	25.0	27.0	22.5	24.8
15	56.7	56.2	55.9	56.3	26.5	21.5	24.7	25.8	23.2	24.6
16	55.9	55.7	55.7	55.8	27.5	22.1	25.7	26.3	23.6	25.2
17	56.0	56.3	56.6	56.3	29.0	21.5	25.9	28.8	23.5	26.1
18	57.4	57.1	57.4	57.3	29.3	21.6	26.2	28.5	23.5	26.1
19	57.2	58.5	58.6	58.1	28.9	21.5	26.3	28.3	23.7	26.1
20	60.3	60.7	61.7	60.9	29.0	22.4	26.6	27.2	23.6	25.8
21	61.4	60.6	60.5	60.8	27.8	24.6	25.9	27.1	26.0	26.3
22	61.3	61.1	61.1	61.2	29.8	22.1	27.8	29.6	24.0	27.1
23	60.3	59.9	59.4	59.9	29.5	22.2	26.2	28.4	24.0	26.2
24	59.3	58.5	58.1	58.6	29.9	23.0	26.7	29.0	24.5	26.7
25	56.2	54.1	54.5	54.9	29.6	22.6	27.6	27.5	24.0	26.4
26	54.8	53.9	54.4	54.4	30.0	22.7	26.8	29.0	24.0	26.6
27	55.6	56.6	57.4	56.5	30.5	22.7	27.5	29.6	24.0	27.0
28	57.8	57.8	57.9	57.8	30.0	23.1	27.0	29.1	25.5	27.2
29	57.2	57.0	56.5	56.9	30.0	23.0	26.7	29.2	24.5	26.8
30	55.8	55.2	55.0	55.3	30.5	23.2	27.0	29.7	25.3	27.3
31										
	57.82	57.68	57.74	57.74	29.22	21.98	26.47	28.19	23.96	26.21

Barometer, range 761.7 mm — 753.0 mm
» 71-yrs. average 757.92 mm.
Thermometer, range 34.0 °C — 19.6 °C
« 82-yrs. average 24.9 °C
Rain. total for month 0.00 mm
« 82-yrs. average for month 3.3 mm
« total from Sept. 1st. 848.44 mm
« 82-yrs. average from Sept. 1st. 892.03 mm

JUNE 1961

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapour Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8.30	14:30	20.30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kmsr	m m
1	18.1	21.0	23.9	21.0	40	53	83	59	11.2	177	
2	22.2	25.0	24.3	23.8	68	71	89	76	11.7	278	
3	19.9	23.0	14.5	19.1	61	61	52	58	12.5	92	
4	22.9	26.1	21.7	23.6	70	69	78	72	11.8	132	
5	22.0	18.5	15.6	18.7	72	50	50	57	12.3	214	
6	18.3	20.7	23.3	21.0	52	62	78	64	11.5	98	
7	24.6	14.0	13.2	17.3	59	27	32	39	10.4	116	
8	24.2	26.2	26.0	25.5	72	68	88	76	10.2	278	
9	24.4	25.5	26.2	25.4	72	66	85	74	10.7	182	
10	22.4	27.1	22.4	24.0	63	72	79	71	10.8	175	
11	23.2	25.6	23.1	24.0	69	70	79	73	11.0	129	
12	20.9	20.5	19.4	20.3	64	56	71	64	12.7	163	
13	20.6	17.9	18.0	18.8	64	51	66	60	11.7	262	
14	19.4	19.1	20.4	19.6	62	53	74	63	12.5	216	
15	22.3	20.5	23.0	21.9	72	62	81	72	12.4	117	
16	20.8	24.7	24.7	23.4	63	72	85	73	12.7	95	
17	25.0	26.7	24.1	25.3	75	63	83	74	12.7	175	
18	21.6	23.6	21.8	22.3	63	60	75	66	12.4	190	
19	21.3	22.0	22.1	21.8	62	57	76	65	12.3	187	
20	22.8	23.2	23.7	23.2	66	64	81	70	12.3	185	
21	24.5	23.1	24.2	23.9	73	64	72	70	12.2	208	
22	25.2	22.8	24.9	24.3	68	55	83	69	12.4	169	
23	23.5	23.7	22.5	23.2	69	61	76	69	12.4	201	
24	23.3	23.7	23.8	23.6	67	59	78	68	12.3	235	
25	25.7	24.6	24.9	25.1	68	67	83	73	11.4	209	
26	26.0	25.8	24.9	25.6	74	64	83	74	12.5	190	-
27	21.7	25.1	25.4	24.1	59	61	85	68	12.7	187	
28	26.4	27.5	26.3	26.7	74	69	80	74	12.5	103	
29	27.0	26.2	25.7	26.3	77	64	83	75	12.5	153	
30	25.3	27.4	25.9	26.2	73	67	80	73	11.8	257	
31											
	22.85	23.36	22.66	22.97	66.4	61.3	76.3	68.0	11.95	179.10	

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1.25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric date from reading of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M. O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20.30 for the preceding 24 hours.
71 year averages are for period, 1875 - 1943

JUNE 1961

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast – 10				beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	3sw	3sw	2sw	light	
2	0	0	0	0.0	4sw	4sw	2sw	,,	
3	0	0	0	0.0	3sw	1sw	1sw	,,	
4	0	0	0	0.0	1w	2sw	3sw	,,	
5	1ci	0	0	0.3	4sw	3sw	1sw	,,	
6	0	0	0	0.0	2nw	3ne	1ne	light	
7	0	0	0	0.0	2e	3sw	1sw	calm	H; a.m. p.m.
8	0	9st-ci	0	3.0	5sw	5sw	3sw	light	H; a.m. p.m.
9	0	0	0	0.0	5sw	4sw	3sw	,,	
10	3st	0	0	1.0	4sw	2sw	1sw	,,	
11	3ci-st	4ci-st	0	2.3	1sw	2sw	1sw	light	
12	1st	0	0	0.3	4sw	5sw	3sw	,,	
13	5cu-st	2cu	2cu	3.0	4sw	5sw	2sw	,,	
14	0	0	0	0.0	1sw	2sw	1sw	,,	
15	0	0	0	0.0	2ne	3n	1n	,,	
16	0	0	0	0.0	3nw	3ne	1ne	light	
17	0	0	0	0.0	4sw	3sw	1sw	,,	
18	0	3ci	5ci-st	2.7	2sw	2sw	1sw	,,	
19	0	3st	3st	2.0	5sw	4sw	2sw	,,	
20	0	0	0	0.0	4sw	4w	1sw	,,	
21	0	0	0	0.0	4ne	4ne	1ne	light	
22	0	0	0	0.0	3e	3ne	0	,,	
23	4st	5st	3ci-st	4.0	4sw	4sw	1sw	,,	
24	1cu	0	0	0.3	3sw	3sw	3sw	,,	
25	4ci-st	2cu-st	5cu-st	3.7	2sw	1sw	1sw	,,	
26	0	1st	0	0.3	4sw	4sw	1sw	light	
27	0	0	0	0.0	3sw	4sw	1sw	,,	
28	0	0	0	0.0	3sw	4sw	1sw	,,	H; p.m.
29	0	0	2cu-st	0.7	4sw	4sw	1sw	,,	H: a.m. p.m
30	3st	5st	0	2.7	4sw	4sw	1sw	,,	H; a.m. p.m.
31									
				0.88					

Abbreviation : G = gale ; H = haze ; M = mist ; T = Thunderstorm ; D = dew
W = strong wind ; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	2	2	0	0	23	1	2	0	30
14:30	1	4	0	0	0	24	1	0	0	30
20:30	1	3	0	0	0	25	0	0	1	30
Total	2	9	2	0	0	72	2	2	1	90

Number of days with rain 0, fog 0, Thunderstorms 0, gale 0

71-yrs. average number of days with rain during month 0.79